

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

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PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

MIAMI-DADE COUNTY

NOTICE OF ACCEPTANCE (NOA)

Kolbe & Kolbe Millwork Co., Inc. 1211 Depot Street Manawa, WI 54949

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "V707 Windquest" White PVC Horizontal Sliding Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. 08-01323, titled "Windquest V707 Single Slider – 74" x 63", sheets 1 through 9 of 9, dated 08/02/11, with revision B dated 10/11/13, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 11-1018.07 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

(MIAMI-DADE COUNTY)
| APPROVED

10/11/13

NOA No. 13-0805.04 Expiration Date: October 30, 2018 Approval Date: October 24, 2013

Page 1

Kolbe & Kolbe Millwork Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No **08-01323**, sheets 1 through 9 of 9, titled "Windquest V707 Single Slider 74" x 63", dated 08/02/11, with revision B dated 10/11/13, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of series Windquest V707horizontal sliders XO with three different mounting conditions, prepared by National Certified Testing Laboratories, Test Report No. NCTL-110-13977-1, dated 06/15/10, revised on 05/27/11, signed and sealed by Robert H. Zeiders, P.E. (Submitted under previous NOA #11-1018.07)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of a series V707HS white PVC horizontal sliding window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-10633-9**, dated 09/13/06, signed and sealed by Harold E. Rupp, P.E.

(Submitted under NOA# 08-0324.14)

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and 2010, dated 11/26/07, revised on 08/02/11 and 01/27/12, prepared, signed and sealed by Luis R. Lomas, P.E.

(Submitted under previous NOA #11-1018.07)

2. Glazing complies with ASTM E1300-04

Manuel Perez, P.E. Product Control Examiner NOA No. 13-0805.04

Expiration Date: October 30, 2018 Approval Date: October 24, 2013

Kolbe & Kolbe Millwork Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 13-0129.27 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 04/11/13, expiring on 12/11/16.
- 2. Notice of Acceptance No. 12-0620.09 issued to Royal Window and Door Profiles for their "White Rigid PVC Exterior Profile Extrusions for Windows and Doors" dated 09/13/12, expiring on 07/05/17.

F. STATEMENTS

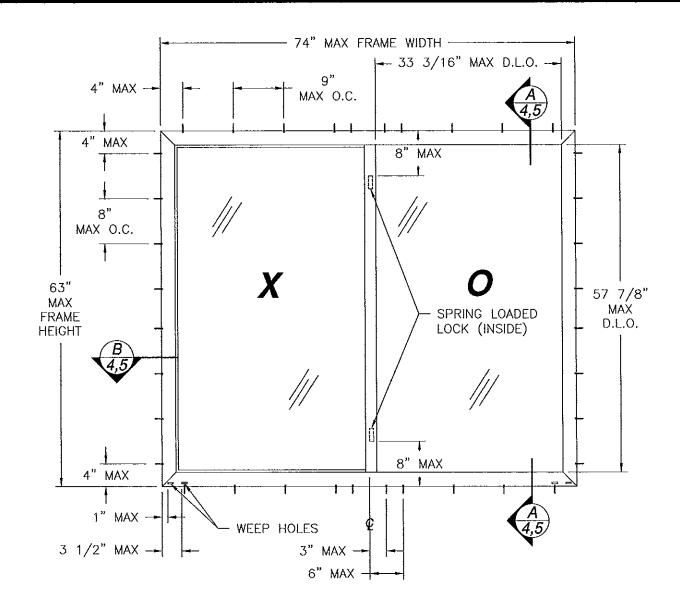
1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated 05/21/13, signed and sealed by Luis R. Lomas, P.E.

G. OTHERS

1. Notice of Acceptance No. 11-1018.07, issued to Kolbe & Kolbe Millwork Co., Inc. for their Series "V707 Windquest" White PVC Horizontal Sliding Window – L.M.I., approved on 01/23/12 and expiring on 10/30/13.

Manuel Perez, P.E. Product Control Examiner NOA No. 13-0805.04

Expiration Date: October 30, 2018 Approval Date: October 24, 2013



WINDQUEST V707 SINGLE SLIDER EXTERIOR VIEW FRAME FLUSH INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING				
±50PSF	LARGE AND SMALL MISSILE IMPACT				

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

	REVISIONS						
REV	DESCRIPTION	DATE	APPROVED				
Α	ADDED ANCHOR CLUSTERS	1/27/12	R.L.				
В	REVISED B.O.M.	10/11/13	R.L.				

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
- 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL, WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE, SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 4) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5) FRAME MATERIAL: EXTRUDED RIGID PVC.
- 6) UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 3 FOR GLASS OPTIONS.
- 7) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 8) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS, MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 9) FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11) FOR ANCHORING INTO METAL STRUCTURE USE #8 SMS OR SELF DRILLING SCREWS SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 12) ALL FASTENERS TO BE CORROSION RESISTANT.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:

 A. WOOD MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
- 14) APPROVED CONFIGURATIONS: OX,XO.

SIGNED: 10/11/2013

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	IABLE OF CONTENTS
SHEET NO.	DESCRIPTION
1, 2	ELEVATION, ANCHORING AND NOTES
3	CROSS SECTIONS AND B.O.M.
4 - 8	INSTALLATION DETAILS
9	COMPONENTS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-0805.04
Expiration Date

By Many Dade Product Control

KOLBE & KOLBE MILLWORK

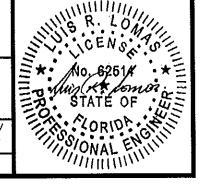
1211 DEPOT ST

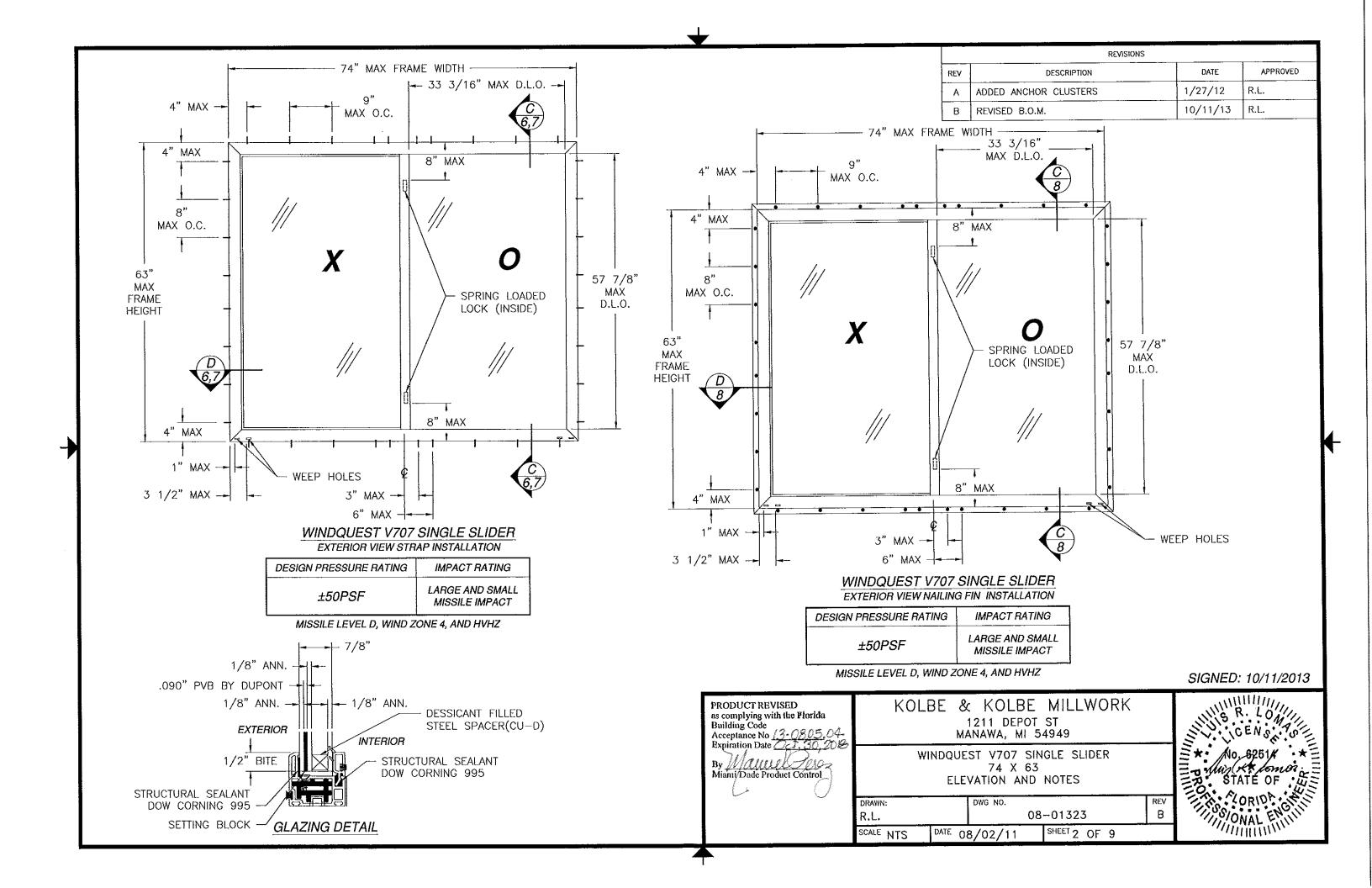
MANAWA, MI 54949

WINDQUEST V707 SINGLE SLIDER 74 X 63 ELEVATION AND NOTES

DRAWN: DWG NO. REV R.L. 08-01323 B

SCALE NTS DATE 08/02/11 SHEET 1 OF 9





		PARTS LIST							REVISIONS		
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL				REV	DESCRIPTION	DATE	APPROVED
1	4254	MULLION	ROYAL	WHITE PVC	(35)	<u></u>	7)	Α	ADDED ANCHOR CLUSTERS	1/27/12	R.L.
2	4202	FRAME	ROYAL	WHITE PVC	The state of the s			В	REVISED B.O.M.	10/11/13	R.L.
3	4008	SILL COVER	ROYAL	WHITE PVC			(37) (7) (3	77			(37)
4	4084A	SASH INTERLOCK	ROYAL	WHITE PVC	27	(2)	9 4	33)			
5	4027A	SASH FRAME	ROYAL	WHITE PVC	(15)			/	(21) (8) (36) (4) (32) (25)	(10) (9)
6	4299	JAMB ADAPTER	ROYAL	WHITE PVC			/				
7	4219	SILL ADAPTER	ROYAL	WHITE PVC	18			s INT	TERIOR \		7
8	4022	7/8" GLAZING BEAD	ROYAL	WHITE PVC							
9	4010	SASH STOP	ROYAL	WHITE PVC		16(31)		X			
10	4013	7/8" GLAZING BEAD	ROYAL	WHITE PVC							
11		7/16" SCREEN FRAME								ERIOR	
12	HF-7320-187	WHEATHERSTRIP	SCHLEGEL			=		_	XIERIOR		
13	P8-8830-187	WHEATHERSTRIP	SCHLEGEL		EXTERIOR						
14	DPAB	WHEATHERSTRIP 1.062-200FIN	SCHLEGEL		(20)			\			
15		SETTING BLOCK 7/8" X 1 X 1/8"		80 DUROMETER			/ /			EXTERIOF	}
16	808-0018	TILT LATCH	ROYAL		(5)—	INTERIOR		\setminus			•
17	4076	ROLLERS	ROYAL			D / m = 2) (22) (1-	1) (6) (21) (1) (30) (23) (27) (26	5)	
18	995	STRUCTURAL SEALANT	DOW CORNING		(3) -	(34)			HORIZONTAL SECTION		
19	-	LOCK	ROTO		(28)						
20	 	KEEPER	ROTO	1	24	$\begin{array}{c} 17 \\ \hline \end{array}$					
21		SCREEN SPRING	· · ·								
22		GLAZING TAPE .5" X 1/6"									
23		MULLION CONNECTOR			29	(14)			(38)		
	4053	SCREEN SUPPORT									
25	-	LOCK SCREWS FH #6 X 1"				13)					
26		KEEPER SCREWS FH #6 X 1 1/2"									
27		MULLION CONNECTOR SCREWS			VERT	TICAL SECTION (37)					
28	· · · ·	SCREEN SUPPORT FH #8 X 1/2"				· · · · · · · · · · · · · · · · · · ·					
	97-03-00-00	VALVE	GEARMOLD								
_	A112-02M096	MULLION REINFORCEMENT		ALUMINUM 6063-T5	4				OPTIONAL NAILING FIN FRAI	ME	
31		RECEPTACLE SCREWS FH #10 X 2"			-				5		10/11/2013
32	- 	TILT LATCH SCREWS FH #8 X 1"			-			_		UIGIAED.	10/11/2010
33	· · · · · · · · · · · · · · · · · · ·	SASH REINFORCEMENT		ALUMINUM 6063-T5		PRODUCT REVISED as complying with the Florida	KOLB		KOLBE MILLWORK	111111	Low
34	· · · · · · · · · · · · · · · · · · ·	REINFORCEMENT SCREWS FH #10X2"				as complying with the Florida Building Code Acceptance No 13-0805,04 Expiration Date 27,30,2018		1 MA	211 DEPOT ST NAWA, MI 54949	الألايان	ENGA
35		MULLION SCREWS PH #10 X 3"		411111111111111111111111111111111111111	-				ST V707 SINGLE SLIDER	* No.	.6251# ★
36		MEETING RAIL REINFORCEMENT		ALUMINUM 6063-T5	<u> </u>	By			74 X 63	= dus	tomin.
37		INSTALLATION STRIP	Povil	STEEL G60	_	IVIRUIT LAGE Product Control	CR	ROSS	SECTIONS AND B.O.M.	EN. ST/	TE OF
38	4202E	FRAME, NAILING FIN	ROYAL	WHITE PVC			DRAWN:		DWG NO. REV	11,000	ORION
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